Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	09/932,791	PATTON, MARK E.	
	Examiner	Art Unit	
	Steven S. Paik	2876	

All Participants:

(1) *Steven S. Paik*.

(2) *Mr. Frank F. Tian (Reg. No. 46,462)*.

Status of Application: _____

(3) _____.

(4) _____.

Date of Interview: *6 December 2004*

Time: *11:00*

Type of Interview:
☒ Telephonic
☐ Video Conference
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No
If Yes, provide a brief description:

Part I.

Rejection(s) discussed:
n/a

Claims discussed:
n/a

Prior art documents discussed:
n/a

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:
See Continuation Sheet

Part III.

☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

Steven Paik
(Examiner/SPE Signature)

_____
(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: The Specification is amended by adding the following paragraph. The Applicant has acknowledged the typographical error and authorized the examiner to correct the page number (page 5 line 16) of the paragraph to be inserted.

It is commonly known that scanning systems typically have different subsystems, such as the scanning engine, the optical sensors and the decoder. Some of the subsystems, such as the decoder may be incorporated into a microcontroller. The interfaces between these different subsystems must support the required processing power and allow one to improve one part of a scanning system without redesigning other systems. A bar code reader is the equivalent of a scanning engine or at least includes the scanning engine. The present invention teaches the use of just a subsystem of a scanning system, i.e. a scanning engine, for detection of missing, misallocated or defective chain links, or other parts. Because the line images derived from the chain links or other parts do not have identical characteristics of a conventional bar code which has to meet certain industry standards, such as ISO/ANSI standards. the line images derived from the chain link or other parts is not identical as that of the bar codes. Furthermore. the interfaces between these different subsystems must support the required processing power and allow one to improve one part of a scanning system. In other words, the present invention uses merely part of a Scanning system, not for scanning a bar code, but for detection of missing, misallocated, or defective chain links or other parts..